I CLAIM:

1. A method of making amide and super plastics including the steps of:

   (a) dissolving hydrocarbon feed materials in a molten metal at temperatures above 400°C and pressures above 400 kg/cm^2;

   (b) increasing the temperature to above 800°C and the pressure to above 800 kg/cm^2 such that said feed material polymerizes together as an amide plastic;

   (c) separating said amide plastic from said molten metal; and

   (d) cooling said amide plastic and extracting amide plastic.

2. The method claimed in claim 1 wherein the molten metal is tin.

3. The method claimed in claim 1 wherein the hydrocarbon feed materials are selected from the group comprised of oil, natural gas, sulfides of; sodium, potassium, magnesium, and zinc, salts of; bromine and chlorine, coal oils, propane, nitrogen, oxygen, urea, and hydrocarbon containing refuse.

4. The method claimed in claim 1 including a further step of preheating said feed materials prior to dissolving said feed materials in a molten metal.

5. The method claimed in claim 1 wherein step (b) also includes increasing the temperature to above 800°C and the pressure to above 800 kg/cm^2 such that said feed material polymerizes together as a super plastic;

6. A reactor for making amide and super plastics comprising:

(a) a low temperature and pressure reactor vessel for receiving feed materials and dissolving said feed materials in molten metal;

(b) a high temperature and pressure reactor vessel for polymerizing said feed materials into amide plastics,

(c) a separator vessel for separating said molten metal from said amide plastic,

(d) means for introducing and communicating feed materials through the various reactor vessels.

7. The reactor claimed in claim 6 further including a pre heater for pre heating feed material prior to introducing said feed material into said low temperature reactor vessel.

8. The reactor claimed in claim 6 wherein said high temperature reactor housed within said low temperature reactor in order to minimize heat losses.

9. The reactor claimed in claim 7 wherein said pre heater being a feed pre heater pipe housed within said separator vessel.

10. The reactor claimed in claim 6 wherein said separator vessel including separate output valves for releasing amide plastic and super plastic respectively.